

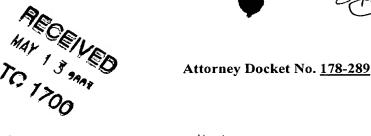
pplication of: Chu, et al.

Serial No.: 09/586,628 Confirmation No.: 7768 Filed: June 5, 2000

For: Polymer Solution for Separation of

Charged Macromolecules by Electrophoresis

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450



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Patents, PO Box 1450, Alexandria, VA 22313-1450 2003 Signature

Transmitted herewith is an Amendment in the above-identified application.

\boxtimes	Small entity status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a verified
	statement previously submitted.

- A verified statement to establish small entity status under 37 C.F.R. 1.9 and 1.27 is enclosed.
- No additional fee is required.

The fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
TOTAL	· 12	MINUS	** 27	= 0
INDEP.	* 3	MINUS	*** 2	= 0

SMALL		
RATE	ADDL. FEE	OR
x 9=	\$0.00	
x 42=	\$0.00	OR
x 140=	\$0	
TOTAL	\$ 0.00	

OTHER THAN A

SMALL ENTITY				
RATE	ADDL. FEE			
x 18=	\$0			
x 84=	\$0			
x 280=	\$0			
TOTAL	\$ 0.00			

☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS

If the entry in Column 1 is less than the entry in Column 2, write "0" in Column 3.

If the "HIGHEST NUMBER PREVIOUSLY PAID FOR" in this space is less than 20, write "20" in this space.

If the "HIGHEST NUMBER PREVIOUSLY PAID FOR" in this space is less than 3, write "3" in this space. The "HIGHEST

NUMBER PREVIOUSLY PAID FOR" (Total or Independent) is the highest number found from the equivalent box in Column 1 of a prior amendment or the number of claims originally filed.

Please charge my Deposit Account No. 08-2461 in the amount of \$_____. A duplicate copy of this sheet is attached.

A check in the amount of \$_____ is attached.

The Commissioner is hereby authorized to charge any fees or additional fees associated with this \boxtimes communication or credit any overpayment to Deposit Account No. 08-2461. A duplicate copy of this sheet is attached.

 \boxtimes Any filing fees under 37 C.F.R. 1.16 for the presentation of extra claims.

 \boxtimes Any patent application processing fees under 37 C.F.R. 1.17.

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Respectfully submitted,

Susan A. Sipos

Registration No. 43,128

172441 1





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner: Egwim, K. Applicants: Benjamin Chu et al.

Serial No.: 09/586,628 Group Art Unit: 1713

Filed: June 5, 2000 Docket: 178-289

Confirmation: 7768 Dated: May 5, 2003

POLYMER SOLUTION FOR For:

SEPARATION OF CHARGED MARCOMOLECULES BY **ELECTROPHORESIS**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

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AMENDMENT

Sir:

In the response to the Office Action issued December 4, 2002, Applicants respectfully submit the present amendment for entry in the above-identified application.

IN THE CLAIMS:

Please cancel Claims 11-27.

Please amend Claims 3, 4 and 7.

Please add Claims 28-29.

(All pending claims are listed.)

1. A polymer solution for the efficient separation of charged macromolecules by electrophoresis comprising a plurality of polymers, wherein said polymers are different, do not phase separate when dissolved in solution and are entangled to form an interpenetrating network.